Index of Claims

| Ap | pli | catio | n/Co | ontr | ol | No |
|----|-----|-------|------|------|----|----|
|----|-----|-------|------|------|----|----|

10/723,178

Examiner

(Nancy) Thanh-Nhan P. Nguyen Applicant(s)/Patent under Reexamination

NAME ET AL

Art Unit

2871

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|                    |          |               |                 |           |          |          |           |            |                     |          | _        |           |                     |          |   |          |         |              |          |                 |          |                 |            |                         |          |   |          |           |          |          |          |          |
|--------------------|----------|---------------|-----------------|-----------|----------|----------|-----------|------------|---------------------|----------|----------|-----------|---------------------|----------|---|----------|---------|--------------|----------|-----------------|----------|-----------------|------------|-------------------------|----------|---|----------|-----------|----------|----------|----------|----------|
| Clai               | m        | Date          |                 |           |          |          | Cla       | Claim Date |                     |          |          |           |                     |          |   |          | Cla     | aim          | Date     |                 |          |                 |            |                         |          |   |          |           |          |          |          |          |
| Final              | Original | 1/7/07        |                 |           |          |          |           |            |                     |          | Final    | Original  |                     |          |   |          |         |              |          |                 |          | Final           | Original   |                         |          |   |          |           |          |          |          |          |
|                    | 1        | 2             |                 | $\exists$ |          |          | $\neg$    |            |                     | 7        |          | 51        | $\Box$              | T        | 十   | +        | 1       | $\top$       |          | П               | l        |                 | 101        |                         |          | _ | _        | М         |          | $\neg$   | $\dashv$ | $\neg$   |
|                    | 2        | 1             |                 |           | T        |          |           |            |                     | ヿ        |          | 52        |                     | 7        | $\top$  | 1        | 1       | T            |          | M               | Ì        | $\neg \uparrow$ | 102        |                         |          |   | _        | П         |          | $\neg$   | ヿ        | $\neg$   |
|                    | 3        | 1             |                 |           |          |          |           |            |                     |          |          | 53        |                     | $\top$   | 7   | T        | ┪       | $\top$       |          | П               | ľ        |                 | 103        |                         |          |   |          | П         |          |          |          | $\neg$   |
|                    | 4        |               |                 |           |          |          |           |            |                     |          |          | 54        |                     |          |   |          |         |              |          |                 |          |                 | 104        |                         |          |   |          |           |          |          |          |          |
|                    | 5        | Ц             |                 |           |          |          |           |            |                     |          |          | 55        |                     |          |   |          |         |              |          |                 |          |                 | 105        |                         |          |   |          |           |          |          |          |          |
|                    | 6        | Ц             |                 | _         | _        | _        | _         |            |                     | _        |          | 56        |                     | $\perp$  | $\perp$   | $\perp$  | $\perp$ | ┸            | _        | Ш               | Ļ        |                 | 106        |                         |          |   |          | Ш         |          |          |          |          |
| L                  | 7        | Н             | _               | _         | _        | _        | _         |            | -                   |          |          | 57        | Ш                   | _        | _   | 4        | 4       | $\perp$      |          | Ш               | ļ        |                 | 107        |                         | _        |   |          | Ш         | Щ        | _        | _        | _        |
| $\vdash$           | 8        | $\vdash$      |                 | -         | +        |          | _         |            | $\vdash$            | 4        | -        | 58        | $\Box$              | 4        | +   | _        | +       | ┼            | _        | Н               |          |                 | 108        |                         |          |   |          | $\vdash$  | Щ        |          | -        | 4        |
| $\vdash$           | 9<br>10  | ${\mathbb H}$ |                 |           | $\dashv$ | $\dashv$ | $\dashv$  | <u> </u>   | $\vdash$            | 4        | -        | 59<br>60  | $\vdash$            | +        | +   | +        | +       | ╁            | H        | Н               | }        |                 | 109<br>110 | $\vdash$                |          |   |          | -         | H        |          |          |          |
|                    | 11       | H             | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | _          | $\vdash$            | -        | -        | 61        |                     | +        | +   | +        | +       | ╁            | -        | Н               | <b> </b> |                 | 111        | $\vdash$                | $\dashv$ |   | $\vdash$ | $\vdash$  | Н        | $\dashv$ | $\dashv$ | $\dashv$ |
|                    | 12       | +             | H               | $\dashv$  | $\dashv$ | $\dashv$ |           | $\vdash$   | $\vdash$            | $\dashv$ |          | 62        | $\vdash$            | $\dashv$ | +   | +        | +       | ╁╌           | -        | Н               |          |                 | 112        | $\vdash$                | -        |   | H        | $\vdash$  | Н        | $\dashv$ | $\dashv$ | $\dashv$ |
|                    | 13       | $\dagger$     | $\vdash$        | $\dashv$  | 十        | $\dashv$ | $\dashv$  | $\vdash$   | $\vdash$            | $\dashv$ |          | 63        | $\forall$           | $\dashv$ | +   | +        | +       | ✝            | $\vdash$ | $\vdash$        |          |                 | 113        |                         | -        |   | $\vdash$ | $\vdash$  |          | $\dashv$ | ᅱ        | $\dashv$ |
|                    | 14       | $\sqcap$      |                 | 寸         | 7        | $\dashv$ |           | Т          | $\vdash$            | $\dashv$ |          | 64        | $\vdash$            | $\dashv$ | +   | +        | +-      | T            |          | Н               | h        |                 | 114        |                         |          |   | Н        | П         | Н        |          | $\dashv$ | $\neg$   |
|                    | 15       | J             |                 | 寸         | 寸        | 一        | $\neg$    | П          | П                   | $\neg$   |          | 65        | H                   | $\dashv$ | T   | $\top$   | Ť       | 1            | Г        | П               |          |                 | 115        |                         |          |   |          |           |          |          | $\dashv$ |          |
|                    | 16       | N             |                 | T         | T        |          |           |            |                     |          |          | 66        |                     |          | 1   | 1        | 1       |              |          |                 |          |                 | 116        |                         |          |   |          |           |          |          | $\neg$   |          |
|                    | 17       | <b>/</b>      |                 |           | $\Box$   |          |           |            |                     |          |          | 67        |                     |          | $\Box$  |          | I       |              |          |                 | [        |                 | 117        |                         |          |   |          |           |          |          |          |          |
|                    | 18       | V             |                 |           |          |          |           |            |                     |          |          | 68        | Ц                   |          |   | $\perp$  | $\perp$ |              | L        |                 | [        |                 | 118        |                         |          |   |          |           |          |          |          |          |
|                    | 19       | <u>_</u>      | Ш               | _         | $\perp$  | _        |           |            |                     | _        |          | 69        |                     |          |   |          |         |              | <u> </u> | L               | ļļ       |                 | 119        |                         |          |   | L.       |           |          |          | $\Box$   |          |
|                    | 20       | 4             | Ш               | _         | _        | _        |           |            |                     | _        |          | 70        |                     | _        |   | _        | $\perp$ | ļ            |          |                 |          |                 | 120        |                         |          |   |          |           |          |          | _        |          |
| $\vdash$           | 21       | Ŋ             | Щ               | _         | 4        | _        |           |            | $\sqcup$            | _        | _        | 71        |                     | 4        | 4   |          | _       | _            | <u> </u> | Ш               |          |                 | 121        |                         |          |   | _        | _         |          |          |          |          |
|                    | 22       | V.            | Щ               | 4         |          |          | _         |            | $\sqcup$            | 4        | -        | 72        |                     | -        | -   | -        | +-      | ┿            | ⊢        | Н               |          |                 | 122        | $\dashv$                |          |   | _        | -         |          | -        |          |          |
| $\vdash$           | 23<br>24 | Η-            | -               | $\dashv$  | $\dashv$ | $\dashv$ | -         | $\vdash$   | $\left  - \right $  | -        |          | 73<br>74  | $\vdash$            | $\dashv$ | -   | +        | +-      | -            | -        | Н               |          |                 | 123<br>124 | -                       |          |   | -        | $\vdash$  | <u> </u> | $\vdash$ | $\dashv$ | _        |
| $\vdash$           | 25       | Н             | -               | $\dashv$  | -+       | $\dashv$ | -         | $\vdash$   | $\vdash$            | $\dashv$ |          | 75        | Н                   | $\dashv$ | +   | +        | +-      | +-           | ├        | Н               | <b> </b> |                 | 125        | -                       |          |   | -        |           | -        | -        | $\dashv$ | _        |
| $\vdash$           | 26       | H             | Н               | $\dashv$  | -+       | -        | $\dashv$  | -          |                     | -        |          | 76        | Н                   | $\dashv$ | +   | +        | +       | ╁            | $\vdash$ | Н               | ŀ        |                 | 126        | $\dashv$                |          |   | $\vdash$ | $\vdash$  | H        | $\dashv$ | $\dashv$ | _        |
| $\vdash$           | 27       | H             | H               | -         | _        |          | $\neg$    |            |                     | -        |          | 77        | $\forall$           | ╅        | +   | +        | +       | +            | -        |                 | ŀ        |                 | 127        |                         |          |   | $\vdash$ | Н         | -        | 一        | 一        | _        |
|                    | 28       | $\vdash$      |                 |           | 寸        |          |           |            |                     | 7        |          | 78        | H                   | 十        | 十   | $\top$   | $\top$  | ╁            |          | Н               | ı        |                 | 128        |                         |          |   |          | П         | П        | 寸        | _        | _        |
|                    | 29       |               |                 | コ         | ╛        |          |           |            | H                   | _        |          | 79        |                     | $\neg$   | _   |          |         |              |          |                 |          |                 | 129        |                         |          |   |          |           |          |          | 寸        | _        |
|                    | 30       |               | $\Box$          |           | 寸        | $\neg$   |           |            |                     | $\neg$   |          | 80        |                     | $\neg$   | $\top$  | T        | $\top$  |              |          | П               | ı        |                 | 130        |                         |          |   | П        | П         | П        |          | $\neg$   |          |
|                    | 31       | $\Box$        |                 |           |          |          |           |            |                     |          |          | 81        |                     |          |   |          |         |              |          |                 |          |                 | 131        |                         |          |   |          |           |          |          |          |          |
|                    | 32       | V             |                 |           |          |          |           |            |                     |          |          | 82        |                     | $\Box$   |   |          |         |              |          |                 |          |                 | 132        |                         |          |   |          |           |          |          | $\Box$   |          |
| <b></b>            | 33       | ~             |                 | _         | _        | _        |           |            | Ц                   | _        | ļ        | 83        |                     | _        | $\downarrow$                                      | _        | $\bot$  | $\downarrow$ | _        | Ш               | ļ        |                 | 133        |                         | $\dashv$ |   |          |           | Ш        | _        | _        |          |
| ┝╼┼                |          | 7             | Ш               | _         | _        | _        |           |            | Н                   | $\dashv$ | $\vdash$ | 84        |                     | 4        | +   | 4        | 4       | -            | _        | Ш               |          |                 | 134        | $\sqcup$                | _        |   | Щ        | $\square$ | Ш        |          | _        |          |
| ├─┼                | 35       | Ŋ,            | $\vdash$        |           | +        | -        |           |            | $\vdash \vdash$     | $\dashv$ |          | 85        | $\vdash \downarrow$ | +        | +   | +        | - -     | +            | -        | $\vdash \vdash$ |          |                 | 135        | dash                    | 4        |   | Ш        | Н         | $\vdash$ | $\dashv$ | $\dashv$ | _        |
| <del>  </del>      | 36<br>37 | 7             | $\vdash$        | +         | -        |          |           |            | $\vdash \vdash$     | $\dashv$ | $\vdash$ | 86<br>87  | $\vdash \vdash$     | +        | +   | - -      | +       | ╁            | H        | Н               |          | -               | 136<br>137 | $\vdash \vdash$         | $\dashv$ | _ | $\vdash$ |           | $\vdash$ |          | $\dashv$ | _        |
| ├─┼                | 38       | ₩             | $\vdash$        | -+        |          | $\dashv$ | $\dashv$  | -          | $\vdash \vdash$     | $\dashv$ | -        | 88        | $\vdash$            | +        | +   | +        | ╁       | +            | H        | Н               | }        | -               | 137        | $\vdash$                | $\dashv$ | _ | $\vdash$ | $\vdash$  | $\vdash$ | $\dashv$ | $\dashv$ | _        |
| ├─┼                | 39       | 7             | Н               | $\dashv$  | $\dashv$ | $\dashv$ |           |            | $\vdash$            | $\dashv$ |          | 89        | $\vdash$            | $\dashv$ | +   | +        | +       | +-           | -        | Н               | }        |                 | 139        | $\vdash$                |          |   | Н        | $\vdash$  | Н        | $\dashv$ | $\dashv$ | _        |
| $\vdash$           | 40       | V             | H               | -+        | $\dashv$ | ᅱ        | $\dashv$  |            | $\vdash \vdash$     | $\dashv$ |          | 90        | $\vdash$            | $\dashv$ | $\dashv$  | +        | +       | +            |          | $\vdash \vdash$ | }        |                 | 140        | $\vdash$                | -        |   | H        | $\vdash$  | H        | $\dashv$ | 一        | _        |
|                    | 41       | Ť             |                 | 寸         | 寸        | 7        | $\exists$ | $\vdash$   | $\vdash$            | $\dashv$ |          | 91        |                     | $\dashv$ | $\top$  | +        | +       | T            | $\vdash$ | Н               |          |                 | 141        |                         |          |   |          | П         | Н        | 寸        | $\dashv$ | _        |
|                    | 42       |               | $\Box$          | 7         | 7        | $\neg$   |           |            | $\Box$              | $\neg$   |          | 92        | $\sqcap$            | $\dashv$ | $\top$  | $\dashv$ | $\top$  | $\dagger$    | $\vdash$ | П               |          |                 | 142        | $\Box$                  | $\dashv$ |   | П        | $\sqcap$  |          | $\neg$   | $\dashv$ | _        |
|                    | 43       |               |                 | 丁         | J        |          |           |            |                     |          |          | 93        |                     |          |   |          |         | Ι            |          |                 |          |                 | 143        |                         |          |   |          |           |          |          |          |          |
|                    | 44       |               |                 |           |          |          |           |            |                     |          |          | 94        |                     | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | Ι        | Ι       |              |          |                 |          |                 | 144        |                         |          |   |          |           |          |          | $\Box$   |          |
|                    | 45       |               |                 | $\Box$    | $\Box$   | $\Box$   |           |            |                     | _]       |          | 95        |                     | $\Box$   |   |          |         |              |          |                 |          |                 | 145        |                         |          |   |          |           |          | $\Box$   | $\Box$   |          |
|                    | 46       | _             | Ш               | _         | _        | _        | _         |            | Щ                   | _        | <u> </u> | 96        | $\square$           | $\perp$  | _   |          | $\perp$ | $\perp$      | L        |                 |          |                 | 146        | Ш                       | _        |   | Ш        | Ш         | Ш        | $\perp$  | $\dashv$ | _        |
|                    | 47       | _             | Ш               | 4         | $\dashv$ | _        | _         |            | $\vdash \downarrow$ | $\dashv$ | <b>_</b> | 97        | $\sqcup$            | 4        | 4   | _        | 4       | $\perp$      | _        | Ш               |          |                 | 147        | $\sqcup \downarrow$     | _        |   | Ш        | Ш         | Ш        | $\dashv$ | $\dashv$ | _        |
| ┝                  | 48       | _             | $\vdash \vdash$ |           | _        | _        |           | _          | $\vdash \vdash$     | -        | <u> </u> | 98        | $\Box$              | _        | +   | _        | +       | $\perp$      | _        | Ш               |          |                 | 148        | $\sqcup$                |          |   |          | $\vdash$  | Ш        | _        | 4        |          |
| $\vdash \vdash$    | 49<br>50 | _             | Н               | $\dashv$  |          |          |           | _          | $\vdash \vdash$     | $\dashv$ |          | 99<br>100 | $\vdash \vdash$     | $\dashv$ | +   | -        | +-      | ┼            | <u> </u> | Н               |          |                 | 149        | $\mid \rightarrow \mid$ |          |   | Н        | $\vdash$  | H        | $\dashv$ | $\dashv$ | _        |
| $ldsymbol{\sqcup}$ | υC       | Ц.,           | Ш               |           |          |          |           | ш          | ш                   |          |          | 100       | Ш                   |          |   | _L       |         |              | ட        | ш               | L        |                 | 150        | Ш                       |          |   | ш        | ш         |          |          | 1        |          |